

# **Descriptive Statistics and Correlation Tables for California's 2006 School Characteristics Index and Similar Schools Ranks**

**2006 Supplement to the Public Schools Accountability Act  
Technical Report 00-1**

---

**By the Technical Design Group of the  
Advisory Committee for the  
Public Schools Accountability Act of 1999**

California Department of Education  
Policy and Evaluation Division  
May 2007

## 1999 Similar Schools Ranks

In April of 2000, the Technical Design Group (TDG) of the Advisory Committee for the Public Schools Accountability Act (PSAA) of 1999 completed a report describing the construction and interpretation of the Academic Performance Index (API) decile ranks relative to schools with similar characteristics required by the PSAA. The *PSAA Technical Report 00-1* focused on the 1999 similar schools ranks (SSRs) published in April 2000. The April similar schools ranks reported a school's 1999 Base API relative to a selected group of similar schools. The report included seven sections:

1. Summary of the PSAA legislation pertaining to similar schools
2. Definitions and data sources for the similar characteristics defined in law
3. Description of the review and analyses undertaken by the TDG
4. Description of the approach adopted for determining SSRs
5. Discussion of the interpretation of decile ranks
6. Questions and answers about the SSRs
7. Appendices:
  - a. Listing of TDG members and their affiliations
  - b. Graphic displays illustrating the calculation of the SSRs
  - c. Tables showing the descriptive statistics for elementary, middle, and high schools
  - d. Tables showing the correlations for elementary, middle, and high schools

Additional information concerning the *PSAA Technical Report 00-1*, is available in the *Construction of California's 1999 School Characteristics Index and Similar Schools Ranks* on the CDE Web site at <http://www.cde.ca.gov/ta/ac/ap/documents/tdgreport0400.pdf> or you may contact the Policy and Evaluation Division at (916) 319-0863 or by e-mail at [aau@cde.ca.gov](mailto:aau@cde.ca.gov).

## 2006 Similar Schools Ranks

The 2006 SSRs were calculated following the principles that were employed for the 1999 and 2000 SSRs. For a description of the SSRs methodology, please refer to the *PSAA Technical Report 00-1*. Note that sources for some of the data elements included in these calculations have changed. Please refer to pages 38 through 43 of the *2006 Base Academic Performance Index Report Information Guide* currently available on the CDE Web site at <http://www.cde.ca.gov/ta/ac/ap/documents/infoguide06b.pdf>.

Starting in 2005, six new factors were added to calculate the School Characteristics Index. These factors cover grade span enrollments, students in the gifted and talented education program (GATE), students with disabilities, reclassified fluent-English-proficient students (which is combined with English learners), students in migrant education programs, and students in full-day-reduced class size. In 2006, the full-day-reduced class size factor was not available, therefore, was dropped from the calculation. Since some schools had a large number of records missing GATE information, the percentage of students in GATE was adjusted. The formula applied was: the number of student records with a 'yes' in GATE divided by the number of student records with a 'yes' or 'no' in GATE plus the number of missing records multiplied the average percentage of GATE students by related school type of elementary, middle, or high. For more information regarding SSRs, please visit the CDE Web site at <http://www.cde.ca.gov/ta/ac/ap/documents/simschl06b.pdf>.

This 2006 Supplement to the *PSAA Technical Report 00-1* provides the descriptive statistics, regression coefficients, and correlation tables for elementary, middle, and high schools specific to the 2006 Base API SSR calculations. This information supplements Appendices C and D of the *PSAA Technical Report 00-1*. Regression coefficients comprise the rightmost columns of Appendix C.

**Appendix C**  
**EL and R-FEP Combined**  
**Descriptive Statistics for Elementary Schools**  
**(5226 schools, weighted by the number of tests contributing to the API)**

	Ranges				Central Tendency		Measures of Dispersion		Correlation with API	Coefficient <sup>a</sup>	
	Theoretical		Actual		mean	median	standard deviation	variance		Model 1 <sup>b</sup>	Model 2 <sup>b</sup>
	min	max	min	max							
Socioeconomic Indicators											
Average Parent Education	1	5	1.00	5.00	2.70	2.60	0.78	0.62	0.87	4.8641	n/a
% of Pupils Participating in Free or Reduced Price Lunch Program	0	100	0.00	100.00	54.97	58.53	31.65	1001.68	-0.85	-0.0726	-0.1245
English Learners (EL)											
% of Pupils Classified as EL and Reclassified fluent-English-proficient (R-FEP)	0	100	0.00	98.67	36.99	32.91	25.30	640.06	-0.70	-0.04799	-0.08773
Racial/Ethnic Groups											
% African American (not of Hispanic origin)	0	100	0.00	99.24	7.45	3.69	10.49	109.96	-0.19	1.5460	1.7192
% American Indian or Alaska Native	0	100	0.00	91.95	0.80	0.39	2.18	4.76	-0.01	1.3872	1.4960
% Asian	0	100	0.00	95.12	8.41	3.40	13.20	174.27	0.44	1.7876	2.0046
% Filipino	0	100	0.00	66.42	2.71	1.26	4.68	21.91	0.16	1.6955	1.9002
% Hispanic or Latino	0	100	0.00	100.00	49.73	48.00	30.24	914.39	-0.77	1.6490	1.8066
% Pacific Islander	0	100	0.00	22.81	0.65	0.33	1.06	1.12	0.02	1.6254	1.7020
% White (not of Hispanic origin)	0	100	0.00	99.37	29.34	21.48	26.60	707.71	0.69	1.6968	1.8783
% Multiple or No Response	0	100	0.00	49.63	0.91	0.21	1.95	3.78	0.20	1.5568	1.7713
Teacher Credentials											
% of Teachers with Full Credentials	0	100	32.00	100.00	96.87	100.00	5.40	29.16	0.23	0.0452	0.0404
% of Teachers with Emergency Credentials	0	100	0.00	100.00	1.80	0.00	5.00	25.03	-0.11	-0.0452	-0.0404
Year Round											
Year Round Indicator	0	1	0.00	1.00	0.16	0.00	0.37	0.14	-0.27	-0.6471	-0.9520
School Mobility											
% of Pupils First Attending This School in Current Year	0	100	0.00	70.67	7.09	6.54	4.26	18.17	-0.52	-0.2302	-0.3153
Class Size											
Average, Grades K-3	1	*	8.00	36.00	19.84	20.00	1.80	3.24	0.01	-0.0810	-0.0486
Average, Grades 4-6	1	*	6.00	40.00	29.26	30.00	2.83	8.03	0.12	-0.0980	-0.1100
Average, Core Academic Courses in Departmentalized Programs	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Parent Education Response											
% of Pupils with Parent Education Data	0	100	0.00	100.00	79.78	88.20	23.22	539.37	n/a	n/a	n/a
Newly Added Variables <sup>d</sup>											
Grade Enrollment											
% of Grade 2 Enrollment	0	100	0.00	100.00	21.45	21.80	7.33	53.72	-0.02	0 <sup>a</sup>	0.0335
% of Grades 3-5 Enrollment	n/a	n/a	0.00	100.00	65.31	65.10	12.85	165.03	n/a	n/a	n/a
% of Grade 6 Enrollment	0	100	0.00	100.00	9.93	8.63	10.73	115.23	-0.01	-0.0541	-0.0480
% of Grades 7-8 Enrollment	0	100	0.00	72.21	3.15	0.00	9.80	96.06	-0.02	-0.0584	-0.0582
% of Grades 9-11 Enrollment	0	100	0.00	36.36	0.15	0.00	1.93	3.72	-0.05	-0.2799	-0.2645
Gifted and Talented Education (GATE) Program											
% of Students in GATE	0	100	0.00	100.00	7.09	5.22	7.69	59.11	0.43	0.1406	0.1761
Disability											
% of Students with Disabilities	0	100	0.00	33.85	10.09	9.84	3.84	14.73	0.01	-0.1434	-0.1413
Migrant Education (Ed) Program											
% of Students in Migrant Ed	0	100	0.00	96.54	2.78	0.00	7.39	54.66	-0.32	-0.1128	-0.1092

\* There is no theoretical maximum value for average class size.

<sup>a</sup> Certain variables are excluded from the model. See discussion beginning on p.10 of the *PSAA Technical Report 00-1*.

<sup>b</sup> Model 1 includes the parent education variable, Model 2 does not.

<sup>c</sup> A definition of this variable is provided on p.3 of the *PSAA Technical Report 00-1*.

<sup>d</sup> These variables were added in 2006. A variable in this group can only enter the model when it is significant at  $p \leq 0.05$ .

**Note:** Data exclude schools with fewer than 100 valid test scores. Also excluded are schools serving non-traditional student populations (such as schools under the jurisdiction of a county board of education or county superintendent of schools, community day schools, and alternative schools, including continuation schools) unless these schools specifically elected to participate in the main API accountability system. Charter schools serving a traditional student population with 100 or more valid test scores are included.

"n/a" means not applicable.

**Appendix C**  
**EL and R-FEP Combined**  
**Descriptive Statistics for Middle Schools**  
**(1268 schools, weighted by the number of tests contributing to the API)**

	Ranges				Central Tendency		Measures of Dispersion		Correlation with API	Coefficient <sup>a</sup>	
	Theoretical		Actual		mean	median	standard deviation	variance		Model 1 <sup>b</sup>	Model 2 <sup>b</sup>
	min	max	min	max							
Socioeconomic Indicators											
Average Parent Education <sup>c</sup>	1	5	1.18	5.00	2.69	2.61	0.73	0.53	0.88	6.5699	n/a
% of Pupils Participating in Free or Reduced Price Lunch Program	0	100	0.00	100.00	50.05	52.06	28.44	808.73	-0.87	-0.0583	-0.1198
English Learners (EL)											
% of Pupils Classified as EL and Reclassified fluent-English-proficient (R-FEP)	0	100	0.00	100.00	37.10	32.89	24.17	583.95	-0.72	-0.03957	-0.08450
Racial/Ethnic Groups											
% African American (not of Hispanic origin)	0	100	0.00	88.67	8.01	4.20	10.08	101.56	-0.31	1.3332	1.5650
% American Indian or Alaska Native	0	100	0.00	45.20	0.72	0.43	1.39	1.92	0.05	1.2108	1.2035
% Asian	0	100	0.00	78.11	8.48	3.85	12.35	152.60	0.46	1.6303	1.9209
% Filipino	0	100	0.00	47.73	2.69	1.40	4.27	18.24	0.12	1.4652	1.7263
% Hispanic or Latino	0	100	1.17	99.58	48.66	46.93	28.48	811.13	-0.78	1.4672	1.6745
% Pacific Islander	0	100	0.00	13.69	0.65	0.39	0.94	0.88	0.01	1.5902	1.7048
% White (not of Hispanic origin)	0	100	0.00	92.80	30.06	23.83	25.48	649.07	0.74	1.5231	1.7848
% Multiple or No Response	0	100	0.00	16.10	0.74	0.20	1.41	1.98	0.23	1.4358	1.7716
Teacher Credentials											
% of Teachers with Full Credentials	0	100	0.00	100.00	92.25	95.00	8.44	71.17	0.47	0.0833	0.0761
% of Teachers with Emergency Credentials	0	100	0.00	89.00	4.21	2.00	6.90	47.57	-0.23	-0.0833	-0.0761
Year Round											
Year Round Indicator <sup>c</sup>	0	1	0.00	1.00	0.07	0.00	0.26	0.07	-0.26	-2.0465	-1.6471
School Mobility											
% of Pupils First Attending This School in Current Year	0	100	0.00	22.77	6.31	5.85	3.50	12.22	-0.62	-0.3106	-0.4631
Class Size											
Average, Grades K-3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Average, Grades 4-6	1	*	3.00	49.00	29.88	30.00	3.47	12.07	0.02	0 <sup>a</sup>	0 <sup>a</sup>
Average, Core Academic Courses in Departmentalized Programs	1	*	6.00	50.00	28.95	29.00	2.88	8.30	0.12	0 <sup>a</sup>	0 <sup>a</sup>
Parent Education Response											
% of Pupils with Parent Education Data	0	100	0.00	100.00	79.20	85.71	20.63	425.72	n/a	n/a	n/a
Newly Added Variables <sup>d</sup>											
Grade Enrollment											
% of Grade 2 Enrollment	0	100	0.00	6.42	0.01	0.00	0.20	0.04	-0.03	0 <sup>a</sup>	0 <sup>a</sup>
% of Grades 3-5 Enrollment	0	100	0.00	56.86	1.14	0.00	5.80	33.66	-0.02	0.0474	0.0504
% of Grade 6 Enrollment	0	100	0.00	100.00	22.98	31.20	14.64	214.30	-0.06	0.0279	0.0355
% of Grades 7-8 Enrollment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
% of Grades 9-11 Enrollment	0	100	0.00	41.40	0.38	0.00	3.22	10.34	-0.05	0 <sup>a</sup>	0.0988
Gifted and Talented Education (GATE) Program											
% of Students in GATE	0	100	0.00	100.00	12.74	9.99	12.36	152.88	0.38	0.0470	0.0824
Disability											
% of Students with Disabilities	0	100	0.00	22.05	9.82	9.83	2.78	7.71	-0.23	-0.2758	-0.2653
Migrant Education (Ed) Program											
% of Students in Migrant Ed	0	100	0.00	85.17	2.61	0.04	6.72	45.18	-0.26	-0.0402	-0.0499

\* There is no theoretical maximum value for average class size.

<sup>a</sup> Certain variables are excluded from the model. See discussion beginning on p.10 of the *PSAA Technical Report 00-1*.

<sup>b</sup> Model 1 includes the parent education variable, Model 2 does not.

<sup>c</sup> A definition of this variable is provided on p.3 of the *PSAA Technical Report 00-1*.

<sup>d</sup> These variables were added in 2006. A variable in this group can only enter the model when it is significant at  $p \leq 0.05$ .

**Note:** Data exclude schools with fewer than 100 valid test scores. Also excluded are schools serving non-traditional student populations (such as schools under the jurisdiction of a county board of education or county superintendent of schools, community day schools, and alternative schools, including continuation schools) unless these schools specifically elected to participate in the main API accountability system. Charter schools serving a traditional student population with 100 or more valid test scores are included.

"n/a" means not applicable.

**Appendix C**  
**EL and R-FEP Combined**  
**Descriptive Statistics for High Schools**  
**(1070 schools, weighted by the number of tests contributing to the API)**

	Ranges				Central Tendency		Measures of Dispersion		Correlation with API	Coefficient <sup>a</sup>	
	Theoretical		Actual		mean	median	standard deviation	variance		Model 1 <sup>b</sup>	Model 2 <sup>b</sup>
	min	max	min	max							
Socioeconomic Indicators											
Average Parent Education <sup>c</sup>	1	5	1.22	5.00	2.83	2.78	0.66	0.44	0.85	7.5694	n/a
% of Pupils Participating in Free or Reduced Price Lunch Program	0	100	0.00	100.00	37.35	35.46	24.74	611.83	-0.78	-0.0264	-0.0900
English Learners (EL)											
% of Pupils Classified as EL and Reclassified fluent-English-proficient (R-FEP)	0	100	0.00	99.64	31.57	27.28	22.76	517.82	-0.65	-0.0231	-0.0713
Racial/Ethnic Groups											
% African American (not of Hispanic origin)	0	100	0.00	92.74	7.69	4.17	9.58	91.84	-0.36	1.2617	1.5278
% American Indian or Alaska Native	0	100	0.00	64.58	0.83	0.49	1.52	2.33	0.06	1.2109	1.1824
% Asian	0	100	0.00	74.53	9.50	4.58	13.09	171.22	0.42	1.5820	1.9031
% Filipino	0	100	0.00	41.27	3.04	1.62	4.44	19.69	0.08	1.3696	1.6691
% Hispanic or Latino	0	100	1.73	99.60	42.49	37.53	26.79	717.79	-0.74	1.4400	1.6627
% Pacific Islander	0	100	0.00	7.34	0.68	0.42	0.85	0.72	-0.02	1.4729	1.6174
% White (not of Hispanic origin)	0	100	0.00	95.79	34.87	31.69	25.79	665.12	0.67	1.4815	1.7830
% Multiple or No Response	0	100	0.00	19.11	0.89	0.30	1.53	2.35	0.11	1.5323	1.7989
Teacher Credentials											
% of Teachers with Full Credentials	0	100	11.00	100.00	91.33	94.00	8.00	64.01	0.46	0.03773	0.04141
% of Teachers with Emergency Credentials	0	100	0.00	80.00	4.54	3.00	5.65	31.96	-0.26	-0.03773	-0.04141
Year Round											
Year Round Indicator <sup>c</sup>	0	1	0.00	1.00	0.04	0.00	0.21	0.04	-0.33	-3.1149	-2.8868
School Mobility											
% of Pupils First Attending This School in Current Year	0	100	0.00	65.11	6.15	5.32	5.10	26.05	-0.51	-0.2973	-0.4290
Class Size											
Average, Grades K-3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Average, Grades 4-6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Average, Core Academic Courses in Departmentalized Programs	1	*	5	37	28.81	29	2.84	8.07	-0.01	-0.0051	0 <sup>a</sup>
Parent Education Response											
% of Pupils with Parent Education Data	0	100	0.00	100.00	77.80	84.54	21.30	453.55	n/a	n/a	n/a
Newly Added Variables <sup>d</sup>											
Grade Enrollment											
% of Grade 2 Enrollment	0	100	0.00	8.08	0.08	0.00	0.72	0.52	-0.04	-1.1042	-0.8783
% of Grades 3-5 Enrollment	0	100	0.00	25.54	0.30	0.00	2.50	6.26	-0.02	0 <sup>a</sup>	0 <sup>a</sup>
% of Grade 6 Enrollment	0	100	0.00	21.75	0.27	0.00	1.83	3.36	0.03	0.1859	0 <sup>a</sup>
% of Grades 7-8 Enrollment	0	100	0.00	56.90	1.32	0.00	6.49	42.18	0.07	0.06872	0.1308
% of Grades 9-11 Enrollment	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Gifted and Talented Education (GATE) Program											
% of Students in GATE	0	100	0.00	99.67	12.79	10.14	13.25	175.62	0.28	0.0297	0.0661
Disability											
% of Students with Disabilities	0	100	0.00	19.70	8.96	8.97	2.75	7.55	-0.35	-0.3546	-0.4874
Migrant Education (Ed) Program											
% of Students in Migrant Ed	0	100	0.00	99.45	2.36	0.07	6.18	38.16	-0.20	-0.0449	-0.0647

\* There is no theoretical maximum value for average class size.

<sup>a</sup> Certain variables are excluded from the model. See discussion beginning on p.10 of the *PSAA Technical Report 00-1*.

<sup>b</sup> Model 1 includes the parent education variable, Model 2 does not.

<sup>c</sup> A definition of this variable is provided on p.3 of the *PSAA Technical Report 00-1*.

<sup>d</sup> These variables were added in 2006. A variable in this group can only enter the model when it is significant at  $p \leq 0.05$ .

**Note:** Data exclude schools with fewer than 100 valid test scores. Also excluded are schools serving non-traditional student populations (such as schools under the jurisdiction of a county board of education or county superintendent of schools, community day schools, and alternative schools, including continuation schools) unless these schools specifically elected to participate in the main API accountability system. Charter schools serving a traditional student population with 100 or more valid test scores are included.

"n/a" means not applicable.

**Appendix D**  
**Correlation for Elementary Schools**  
**(5226 schools, weighted by the number of tests contributing to API)**

	Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R-FEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
API	r	1	0.8652	-0.8488	-0.6974	-0.1923	-0.0096	0.4392	0.1593	-0.7693	0.0214	0.6896	0.1994
	P		<.0001	<.0001	<.0001	<.0001	0.4863	<.0001	<.0001	<.0001	0.1223	<.0001	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
Average Parent Education	r	0.8652	1	-0.8896	-0.7859	-0.0661	0.0322	0.3906	0.1725	-0.8422	0.0517	0.7365	0.2436
	P	<.0001		<.0001	<.0001	<.0001	0.0213	<.0001	<.0001	<.0001	0.0002	<.0001	<.0001
	N	5110	5110	5110	5110	5110	5110	5110	5110	5110	5110	5110	5110
% of Pupils Participating in Free or Reduced Lunch	r	-0.8488	-0.8896	1	0.8034	0.1488	-0.0278	-0.3080	-0.1568	0.8208	-0.0403	-0.7892	-0.2477
	P	<.0001	<.0001		<.0001	<.0001	0.0445	<.0001	<.0001	<.0001	0.0035	<.0001	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% of EL Plus R-FEP	r	-0.6974	-0.7859	0.8034	1	-0.1127	-0.1906	-0.0889	-0.0985	0.8288	-0.0676	-0.8011	-0.2296
	P	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% African American (not of Hispanic origin)	r	-0.1923	-0.0661	0.1488	-0.1127	1	-0.0383	-0.0731	0.0929	-0.1255	0.2142	-0.2395	0.0350
	P	<.0001	<.0001	<.0001	<.0001		0.0056	<.0001	<.0001	<.0001	<.0001	<.0001	0.0114
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% American Indian or Alaska Native	r	-0.0096	0.0322	-0.0278	-0.1906	-0.0383	1	-0.0601	-0.0393	-0.1738	0.0002	0.1656	0.0240
	P	0.4863	0.0213	0.0445	<.0001	0.0056		<.0001	0.0045	<.0001	0.9878	<.0001	0.0829
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% Asian	r	0.4392	0.3906	-0.3080	-0.0889	-0.0731	-0.0601	1	0.1561	-0.4267	0.0510	-0.0147	0.1064
	P	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001		<.0001	<.0001	0.0002	0.2866	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% Filipino	r	0.1593	0.1725	-0.1568	-0.0985	0.0929	-0.0393	0.1561	1	-0.1919	0.3107	-0.0822	0.0152
	P	<.0001	<.0001	<.0001	<.0001	<.0001	0.0045	<.0001		<.0001	<.0001	<.0001	0.2728
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% Hispanic or Latino	r	-0.7693	-0.8422	0.8208	0.8288	-0.1255	-0.1738	-0.4267	-0.1919	1	-0.1432	-0.8002	-0.2950
	P	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% Pacific Islander	r	0.0214	0.0517	-0.0403	-0.0676	0.2142	0.0002	0.0510	0.3107	-0.1432	1	-0.0438	0.0301
	P	0.1223	0.0002	0.0035	<.0001	<.0001	0.9878	0.0002	<.0001	<.0001		0.0016	0.0297
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% White (not of Hispanic origin)	r	0.6896	0.7365	-0.7892	-0.8011	-0.2395	0.1656	-0.0147	-0.0822	-0.8002	-0.0438	1	0.1898
	P	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.2866	<.0001	<.0001	0.0016		<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% Multiple or No Response	r	0.1994	0.2436	-0.2477	-0.2296	0.0350	0.0240	0.1064	0.0152	-0.2950	0.0301	0.1898	1
	P	<.0001	<.0001	<.0001	<.0001	0.0114	0.0829	<.0001	0.2728	<.0001	0.0297	<.0001	
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**Appendix D**  
**Correlation for Elementary Schools (continued)**  
**(5226 schools, weighted by the number of tests contributing to API)**

	Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R-FEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
% of Teachers with Full Credentials	r	0.2254	0.1631	-0.1679	-0.1426	-0.2442	0.0371	0.0984	0.0424	-0.1581	-0.0108	0.2151	0.0276
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0074	<.0001	0.0022	<.0001	0.4355	<.0001	0.0459
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% of Teachers with Emergency Credentials	r	-0.1095	-0.0645	0.0677	0.0756	0.0674	-0.0059	-0.0579	-0.0147	0.0734	0.0162	-0.0772	-0.0230
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.6681	<.0001	0.2875	<.0001	0.2426	<.0001	0.0962
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
Year Round Indicator	r	-0.2653	-0.2608	0.2498	0.2776	0.0539	-0.0662	-0.1255	-0.0377	0.2767	-0.0390	-0.2525	-0.1015
	p	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0064	<.0001	0.0049	<.0001	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% of Pupils First Attending This School in Current Year	r	-0.5190	-0.4581	0.4525	0.2308	0.2264	0.0486	-0.2308	-0.0825	0.3211	0.0259	-0.3252	-0.0683
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0004	<.0001	<.0001	<.0001	0.0617	<.0001	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
Class Size K-3	r	0.0144	0.0248	-0.0554	-0.0167	-0.0165	-0.0698	0.0129	-0.0262	0.0124	-0.0321	-0.0047	0.0328
	p	0.3021	0.0779	<.0001	0.2312	0.2369	<.0001	0.3556	0.0600	0.3724	0.0212	0.7357	0.0185
	N	5153	5038	5153	5153	5153	5153	5153	5153	5153	5153	5153	5153
Class Size 4-6	r	0.1190	0.0909	-0.1255	-0.0740	-0.0960	-0.0820	0.1159	0.0868	-0.0509	-0.0419	0.0346	-0.0481
	p	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0003	0.0028	0.0135	0.0006
	N	5090	4977	5090	5090	5090	5090	5090	5090	5090	5090	5090	5090
% of Grade 2 Enrollment	r	-0.0175	-0.0570	0.0819	0.0893	0.0341	-0.0464	-0.0477	-0.0120	0.0959	0.0048	-0.0930	-0.0014
	p	0.2058	<.0001	<.0001	<.0001	0.0136	0.0008	0.0006	0.3875	<.0001	0.7272	<.0001	0.9180
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% of Grade 6 Enrollment	r	-0.0142	0.0246	-0.0464	-0.0762	-0.0617	0.0422	0.0601	0.0156	-0.0609	0.0087	0.0619	-0.0631
	p	0.3036	0.0783	0.0008	<.0001	<.0001	0.0023	<.0001	0.2597	<.0001	0.5284	<.0001	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% of Grades 7-8 Enrollment	r	-0.0151	0.0368	-0.0626	-0.0793	-0.0111	0.0827	-0.0033	-0.0261	-0.0877	0.0037	0.0997	0.0500
	p	0.2763	0.0085	<.0001	<.0001	0.4246	<.0001	0.8096	0.0596	<.0001	0.7886	<.0001	0.0003
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% of Grades 9-11 Enrollment	r	-0.0508	0.0277	-0.0322	-0.0250	-0.0129	0.0073	-0.0207	-0.0269	-0.0292	-0.0169	0.0441	0.1261
	p	0.0002	0.0477	0.0199	0.0710	0.3520	0.5975	0.1352	0.0522	0.0348	0.2220	0.0014	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% of Students in GATE	r	0.4350	0.3788	-0.3370	-0.2734	-0.0592	-0.0149	0.1916	0.0931	-0.2958	-0.0165	0.2461	0.0532
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.2833	<.0001	<.0001	<.0001	0.2334	<.0001	0.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% of Students with Disabilities	r	0.0133	0.0528	-0.0399	-0.1258	0.0111	0.0669	-0.0884	-0.0168	-0.0904	0.0149	0.1360	0.0429
	p	0.3353	0.0002	0.0039	<.0001	0.4209	<.0001	<.0001	0.2239	<.0001	0.2825	<.0001	0.0019
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
% of Students in Migrant Ed	r	-0.3185	-0.3139	0.2832	0.2948	-0.1395	-0.0053	-0.1421	-0.1000	0.3202	-0.1089	-0.2091	-0.0961
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.7029	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226
School Characteristic Index	r	0.9199	0.9339	-0.9232	-0.7562	-0.2113	-0.0140	0.4776	0.1709	-0.8378	0.0242	0.7529	0.2173
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.3124	<.0001	<.0001	<.0001	0.0805	<.0001	<.0001
	N	5226	5110	5226	5226	5226	5226	5226	5226	5226	5226	5226	5226

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores. Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).



**Appendix D**  
**Correlation for Elementary Schools (continued)**  
**(5226 schools, weighted by the number of tests contributing to API)**

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of Pupils First Attending This School in Current Year	Class Size K-3	Class Size 4-6	5 of Grade 2 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Grades 9-11 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in Migrant Ed	School Characteristic Index
<b>API</b>	<b>r</b>	0.2254	-0.1095	-0.2653	-0.5190	0.0144	0.1190	-0.0175	-0.0142	-0.0151	-0.0508	0.4350	0.0133	-0.3185	0.9199
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.3021	<.0001	0.2058	0.3036	0.2763	0.0002	<.0001	0.3353	<.0001	<.0001
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
<b>Average Parent Education</b>	<b>r</b>	0.1631	-0.0645	-0.2608	-0.4581	0.0248	0.0909	-0.0570	0.0246	0.0368	0.0277	0.3788	0.0528	-0.3139	0.9339
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.0779	<.0001	<.0001	0.0783	0.0085	0.0477	<.0001	0.0002	<.0001	<.0001
	<b>N</b>	5110	5110	5110	5110	5038	4977	5110	5110	5110	5110	5110	5110	5110	5110
<b>% of Pupils Participating in Free or Reduced Lunch</b>	<b>r</b>	-0.1679	0.0677	0.2498	0.4525	-0.0554	-0.1255	0.0819	-0.0464	-0.0626	-0.0322	-0.3370	-0.0399	0.2832	-0.9232
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0008	<.0001	0.0199	<.0001	0.0039	<.0001	<.0001
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
<b>% of EL Plus R-FEP</b>	<b>r</b>	-0.1426	0.0756	0.2776	0.2308	-0.0167	-0.0740	0.0893	-0.0762	-0.0793	-0.0250	-0.2734	-0.1258	0.2948	-0.7562
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.2312	<.0001	<.0001	<.0001	<.0001	0.0710	<.0001	<.0001	<.0001	<.0001
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
<b>% African American (not of Hispanic origin)</b>	<b>r</b>	-0.2442	0.0674	0.0539	0.2264	-0.0165	-0.0960	0.0341	-0.0617	-0.0111	-0.0129	-0.0592	0.0111	-0.1395	-0.2113
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.2369	<.0001	0.0136	<.0001	0.4246	0.3520	<.0001	0.4209	<.0001	<.0001
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
<b>% American Indian or Alaska Native</b>	<b>r</b>	0.0371	-0.0059	-0.0662	0.0486	-0.0698	-0.0820	-0.0464	0.0422	0.0827	0.0073	-0.0149	0.0669	-0.0053	-0.0140
	<b>p</b>	0.0074	0.6681	<.0001	0.0004	<.0001	<.0001	0.0008	0.0023	<.0001	0.5975	0.2833	<.0001	0.7029	0.3124
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
<b>% Asian</b>	<b>r</b>	0.0984	-0.0579	-0.1255	-0.2308	0.0129	0.1159	-0.0477	0.0601	-0.0033	-0.0207	0.1916	-0.0884	-0.1421	0.4776
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.3556	<.0001	0.0006	<.0001	0.8096	0.1352	<.0001	<.0001	<.0001	<.0001
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
<b>% Filipino</b>	<b>r</b>	0.0424	-0.0147	-0.0377	-0.0825	-0.0262	0.0868	-0.0120	0.0156	-0.0261	-0.0269	0.0931	-0.0168	-0.1000	0.1709
	<b>p</b>	0.0022	0.2875	0.0064	<.0001	0.0600	<.0001	0.3875	0.2597	0.0596	0.0522	<.0001	0.2239	<.0001	<.0001
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
<b>% Hispanic or Latino</b>	<b>r</b>	-0.1581	0.0734	0.2767	0.3211	0.0124	-0.0509	0.0959	-0.0609	-0.0877	-0.0292	-0.2958	-0.0904	0.3202	-0.8378
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.3724	0.0003	<.0001	<.0001	<.0001	0.0348	<.0001	<.0001	<.0001	<.0001
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
<b>% Pacific Islander</b>	<b>r</b>	-0.0108	0.0162	-0.0390	0.0259	-0.0321	-0.0419	0.0048	0.0087	0.0037	-0.0169	-0.0165	0.0149	-0.1089	0.0242
	<b>p</b>	0.4355	0.2426	0.0049	0.0617	0.0212	0.0028	0.7272	0.5284	0.7886	0.2220	0.2334	0.2825	<.0001	0.0805
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
<b>% White (not of Hispanic origin)</b>	<b>r</b>	0.2151	-0.0772	-0.2525	-0.3252	-0.0047	0.0346	-0.0930	0.0619	0.0997	0.0441	0.2461	0.1360	-0.2091	0.7529
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.7357	0.0135	<.0001	<.0001	<.0001	0.0014	<.0001	<.0001	<.0001	<.0001
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
<b>% Multiple or No Response</b>	<b>r</b>	0.0276	-0.0230	-0.1015	-0.0683	0.0328	-0.0481	-0.0014	-0.0631	0.0500	0.1261	0.0532	0.0429	-0.0961	0.2173
	<b>p</b>	0.0459	0.0962	<.0001	<.0001	0.0185	0.0006	0.9180	<.0001	0.0003	<.0001	0.0001	0.0019	<.0001	<.0001
	<b>N</b>	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.  
Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**Appendix D**  
**Correlation for Elementary Schools (continued)**  
**(5226 schools, weighted by the number of tests contributing to API)**

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of Pupils First Attending This School in Current Year	Class Size K-3	Class Size 4-6	% of Grade 2 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Grades 9-11 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in Migrant Ed	School Characteristic Index
% of Teachers with Full Credentials	r	1	-0.3473	0.0039	-0.1139	-0.0159	0.1208	0.0591	0.0144	-0.1783	-0.1018	0.0753	0.1036	-0.0441	0.2462
	P		<.0001	0.7766	<.0001	0.2529	<.0001	<.0001	0.2973	<.0001	<.0001	<.0001	<.0001	0.0014	<.0001
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
% of Teachers with Emergency Credentials	r	-0.3473	1	-0.0405	0.0029	-0.0072	-0.0387	-0.0210	-0.0334	0.0672	0.0712	-0.0198	-0.0230	0.0591	-0.0996
	P	<.0001		0.0034	0.8360	0.6032	0.0057	0.1295	0.0156	<.0001	<.0001	0.1526	0.0968	<.0001	<.0001
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
Year Round Indicator	r	0.0039	-0.0405	1	0.1344	-0.0721	0.0196	0.0413	-0.0475	-0.0675	0.0062	-0.1289	-0.0571	-0.0827	-0.2818
	P	0.7766	0.0034		<.0001	<.0001	0.1620	0.0029	0.0006	<.0001	0.6531	<.0001	<.0001	<.0001	<.0001
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
% of Pupils First Attending This School in Current Year	r	-0.1139	0.0029	0.1344	1	0.0465	-0.1000	0.0171	0.0741	-0.0248	0.0827	-0.2997	-0.0088	0.1641	-0.5651
	P	<.0001	0.8360	<.0001		0.0008	<.0001	0.2159	<.0001	0.0729	<.0001	<.0001	0.5235	<.0001	<.0001
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
Class Size K-3	r	-0.0159	-0.0072	-0.0721	0.0465	1	0.2034	-0.0546	0.0707	-0.0041	-0.0217	-0.0135	-0.0759	-0.0346	0.0131
	P	0.2529	0.6032	<.0001	0.0008		<.0001	<.0001	<.0001	0.7686	0.1194	0.3326	<.0001	0.0130	0.3482
	N	5153	5153	5153	5153	5153	5039	5153	5153	5153	5153	5153	5153	5153	5153
Class Size 4-6	r	0.1208	-0.0387	0.0196	-0.1000	0.2034	1	0.0141	0.0566	-0.1318	-0.0790	0.0746	-0.0516	-0.0904	0.1252
	P	<.0001	0.0057	0.1620	<.0001	<.0001		0.3138	<.0001	<.0001	<.0001	<.0001	0.0002	<.0001	<.0001
	N	5090	5090	5090	5090	5039	5090	5090	5090	5090	5090	5090	5090	5090	5090
% of Grade 2 Enrollment	r	0.0591	-0.0210	0.0413	0.0171	-0.0546	0.0141	1	-0.5269	-0.4221	-0.1238	-0.1241	0.0125	-0.0008	-0.0228
	P	<.0001	0.1295	0.0029	0.2159	<.0001	0.3138		<.0001	<.0001	<.0001	<.0001	0.3664	0.9522	0.0997
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
% of Grade 6 Enrollment	r	0.0144	-0.0334	-0.0475	0.0741	0.0707	0.0566	-0.5269	1	0.1737	0.0033	0.0358	-0.0386	0.0541	-0.0231
	P	0.2973	0.0156	0.0006	<.0001	<.0001	<.0001	<.0001		<.0001	0.8130	0.0097	0.0053	<.0001	0.0955
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
% of Grades 7-8 Enrollment	r	-0.1783	0.0672	-0.0675	-0.0248	-0.0041	-0.1318	-0.4221	0.1737	1	0.1763	0.0342	-0.1246	0.0180	-0.0191
	P	<.0001	<.0001	<.0001	0.0729	0.7686	<.0001	<.0001	<.0001		<.0001	0.0134	<.0001	0.1938	0.1666
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
% of Grades 9-11 Enrollment	r	-0.1018	0.0712	0.0062	0.0827	-0.0217	-0.0790	-0.1238	0.0033	0.1763	1	-0.0421	-0.0806	-0.0237	-0.0517
	P	<.0001	<.0001	0.6531	<.0001	0.1194	<.0001	<.0001	0.8130	<.0001		0.0023	<.0001	0.0873	0.0002
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
% of Students in GATE	r	0.0753	-0.0198	-0.1289	-0.2997	-0.0135	0.0746	-0.1241	0.0358	0.0342	-0.0421	1	0.0055	-0.1123	0.4706
	P	<.0001	0.1526	<.0001	<.0001	0.3326	<.0001	<.0001	0.0097	0.0134	0.0023		0.6915	<.0001	<.0001
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
% of Students with Disabilities	r	0.1036	-0.0230	-0.0571	-0.0088	-0.0759	-0.0516	0.0125	-0.0386	-0.1246	-0.0806	0.0055	1	-0.0869	0.0097
	P	<.0001	0.0968	<.0001	0.5235	<.0001	0.0002	0.3664	0.0053	<.0001	<.0001	0.6915		<.0001	0.4824
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
% of Students in Migrant Ed	r	-0.0441	0.0591	-0.0827	0.1641	-0.0346	-0.0904	-0.0008	0.0541	0.0180	-0.0237	-0.1123	-0.0869	1	-0.3531
	P	0.0014	<.0001	<.0001	<.0001	0.0130	<.0001	0.9522	<.0001	0.1938	0.0873	<.0001	<.0001		<.0001
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226
School Characteristic Index	r	0.2462	-0.0996	-0.2818	-0.5651	0.0131	0.1252	-0.0228	-0.0231	-0.0191	-0.0517	0.4706	0.0097	-0.3531	1
	P	<.0001	<.0001	<.0001	<.0001	0.3482	<.0001	0.0997	0.0955	0.1666	0.0002	<.0001	0.4824	<.0001	
	N	5226	5226	5226	5226	5153	5090	5226	5226	5226	5226	5226	5226	5226	5226

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**Appendix D**  
**Correlation for Middle Schools**  
**(1268 schools, weighted by the number of tests contributing to API)**

	Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R-FEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
API	r	1	0.8805	-0.8660	-0.7177	-0.3127	0.0470	0.4638	0.1230	-0.7835	0.0104	0.7386	0.2255
	p		<.0001	<.0001	<.0001	<.0001	0.0945	<.0001	<.0001	<.0001	0.7126	<.0001	<.0001
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
Average Parent Education	r	0.8805	1	-0.8826	-0.7992	-0.1008	0.0594	0.3869	0.1540	-0.8474	0.0477	0.7576	0.2705
	p	<.0001		<.0001	<.0001	0.0004	0.0360	<.0001	<.0001	<.0001	0.0926	<.0001	<.0001
	N	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247	1247
% of Pupil Participating in Free or Reduced Lunch	r	-0.8660	-0.8826	1.0000	0.8200	0.1998	-0.0656	-0.3032	-0.1277	0.8074	-0.0369	-0.7938	-0.2602
	p	<.0001	<.0001		<.0001	<.0001	0.0195	<.0001	<.0001	<.0001	0.1892	<.0001	<.0001
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% of EL Plus R-FEP	r	-0.7177	-0.7992	0.8200	1	-0.0487	-0.2339	-0.1317	-0.0816	0.8316	-0.0703	-0.8018	-0.2850
	p	<.0001	<.0001	<.0001		0.0828	<.0001	<.0001	0.0036	<.0001	0.0123	<.0001	<.0001
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% African American (not of Hispanic origin)	r	-0.3127	-0.1008	0.1998	-0.0487	1	-0.0631	-0.0602	0.1132	-0.0781	0.2509	-0.3073	0.0642
	p	<.0001	0.0004	<.0001	0.0828		0.0248	0.0322	<.0001	0.0054	<.0001	<.0001	0.0223
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% American Indian or Alaska Native	r	0.0470	0.0594	-0.0656	-0.2339	-0.0631	1	-0.0537	-0.0567	-0.2217	0.0082	0.2508	0.0519
	p	0.0945	0.0360	0.0195	<.0001	0.0248		0.0559	0.0437	<.0001	0.7698	<.0001	0.0648
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% Asian	r	0.4638	0.3869	-0.3032	-0.1317	-0.0602	-0.0537	1	0.1891	-0.4538	0.0983	0.0116	0.0406
	p	<.0001	<.0001	<.0001	<.0001	0.0322	0.0559		<.0001	<.0001	0.0005	0.6793	0.1486
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% Filipino	r	0.1230	0.1540	-0.1277	-0.0816	0.1132	-0.0567	0.1891	1	-0.1967	0.3837	-0.0966	0.0255
	p	<.0001	<.0001	<.0001	0.0036	<.0001	0.0437	<.0001		<.0001	<.0001	0.0006	0.3646
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% Hispanic or Latino	r	-0.7835	-0.8474	0.8074	0.8316	-0.0781	-0.2217	-0.4538	-0.1967	1	-0.1708	-0.7984	-0.3118
	p	<.0001	<.0001	<.0001	<.0001	0.0054	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% Pacific Islander	r	0.0104	0.0477	-0.0369	-0.0703	0.2509	0.0082	0.0983	0.3837	-0.1708	1	-0.0603	0.0503
	p	0.7126	0.0926	0.1892	0.0123	<.0001	0.7698	0.0005	<.0001	<.0001		0.0318	0.0734
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% White (not of Hispanic origin)	r	0.7386	0.7576	-0.7938	-0.8018	-0.3073	0.2508	0.0116	-0.0966	-0.7984	-0.0603	1	0.2393
	p	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.6793	0.0006	<.0001	0.0318		<.0001
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% Multiple or No Response	r	0.2255	0.2705	-0.2602	-0.2850	0.0642	0.0519	0.0406	0.0255	-0.3118	0.0503	0.2393	1
	p	<.0001	<.0001	<.0001	<.0001	0.0223	0.0648	0.1486	0.3646	<.0001	0.0734	<.0001	
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**Appendix D**  
**Correlation for Middle Schools (continued)**  
**(1268 schools, weighted by the number of tests contributing to API)**

	Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R-FEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
% of Teachers with Full Credentials	r	0.4655	0.3455	-0.3937	-0.3317	-0.3732	0.1118	0.1531	0.0714	-0.3371	-0.0322	0.4273	0.1101
	p	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0110	<.0001	0.2521	<.0001	<.0001
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% of Teachers with Emergency Credentials	r	-0.2285	-0.1588	0.1946	0.1634	0.1546	-0.0213	-0.0813	-0.0238	0.1583	0.0509	-0.1907	-0.0842
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.4493	0.0038	0.3970	<.0001	0.0698	<.0001	0.0027
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
Year Round Indicator	r	-0.2563	-0.2051	0.2197	0.2462	0.0763	-0.0755	-0.1276	-0.0615	0.2101	-0.0733	-0.1808	-0.0960
	p	<.0001	<.0001	<.0001	<.0001	0.0066	0.0072	<.0001	0.0284	<.0001	0.0090	<.0001	0.0006
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% of Pupils First Attending This School in Current Year	r	-0.6181	-0.5314	0.5324	0.2850	0.3687	0.0706	-0.2809	-0.0548	0.3702	0.0537	-0.4149	-0.0957
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0119	<.0001	0.0509	<.0001	0.0558	<.0001	0.0006
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
Class Size 4 - 6	r	0.0237	0.0363	-0.0186	-0.0334	0.0488	-0.0546	0.0158	0.0336	0.0234	-0.0710	-0.0474	-0.1040
	p	0.4759	0.2780	0.5755	0.3148	0.1414	0.1004	0.6346	0.3124	0.4815	0.0325	0.1533	0.0017
	N	908	893	908	908	908	908	908	908	908	908	908	908
Core Class Size	r	0.1154	0.0980	-0.1062	-0.0919	0.0303	-0.1259	0.0815	0.0821	-0.0404	-0.0110	-0.0086	-0.0779
	p	<.0001	0.0006	0.0002	0.0012	0.2872	<.0001	0.0041	0.0038	0.1555	0.6997	0.7632	0.0060
	N	1240	1219	1240	1240	1240	1240	1240	1240	1240	1240	1240	1240
% of Grade 2 Enrollment	r	-0.0327	-0.0300	0.0574	0.0355	0.0788	-0.0071	0.0330	-0.0256	-0.0003	0.0184	-0.0425	-0.0065
	p	0.2449	0.2904	0.0409	0.2062	0.0050	0.8004	0.2407	0.3616	0.9920	0.5124	0.1306	0.8160
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% of Grades 3-5 Enrollment	r	-0.0153	-0.0470	0.0754	0.0056	-0.0295	0.0765	-0.0513	-0.0839	0.0217	0.0350	0.0177	0.0583
	p	0.5861	0.0968	0.0072	0.8427	0.2935	0.0064	0.0680	0.0028	0.4397	0.2135	0.5299	0.0378
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% of Grade 6 Enrollment	r	-0.0587	-0.0407	0.0793	0.0860	0.1009	-0.0367	-0.0791	-0.0303	0.0640	-0.0219	-0.0696	0.0795
	p	0.0365	0.1513	0.0047	0.0022	0.0003	0.1916	0.0048	0.2809	0.0226	0.4355	0.0132	0.0046
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% of Grades 9-11 Enrollment	r	-0.0467	0.0023	0.0665	0.0809	0.0290	-0.0360	-0.0414	0.0875	0.0522	0.0024	-0.0617	-0.0169
	p	0.0966	0.9345	0.0179	0.0040	0.3018	0.2005	0.1409	0.0018	0.0630	0.9327	0.0281	0.5467
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% of Students in GATE	r	0.3785	0.3545	-0.3019	-0.1821	-0.1018	-0.0321	0.2232	0.1949	-0.2250	-0.0209	0.1542	-0.0139
	p	<.0001	<.0001	<.0001	<.0001	0.0003	0.2534	<.0001	<.0001	<.0001	0.4569	<.0001	0.6203
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% of Students with Disabilities	r	-0.2341	-0.1528	0.1781	0.1056	0.1180	0.0853	-0.1372	-0.0166	0.0824	0.0538	-0.0768	0.0120
	p	<.0001	<.0001	<.0001	0.0002	<.0001	0.0024	<.0001	0.5550	0.0033	0.0554	0.0062	0.6707
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
% of Students in Migrant Ed	r	-0.2553	-0.3032	0.2740	0.2645	-0.1555	0.0172	-0.1459	-0.0999	0.3149	-0.1146	-0.1944	-0.0969
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.5398	<.0001	0.0004	<.0001	<.0001	<.0001	0.0005
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268
School Characteristic Index	r	0.9460	0.9256	-0.9178	-0.7630	-0.3264	0.0509	0.4867	0.1294	-0.8331	0.0115	0.7860	0.2437
	p	<.0001	<.0001	<.0001	<.0001	<.0001	0.0703	<.0001	<.0001	<.0001	0.6837	<.0001	<.0001
	N	1268	1247	1268	1268	1268	1268	1268	1268	1268	1268	1268	1268

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**Appendix D**  
**Correlation for Middle Schools (continued)**  
**(1268 schools, weighted by the number of tests contributing to API)**

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of Pupils First Attending This School in Current Year	Class Size 4 - 6	Core Class Size	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 9-11 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in Migrant Ed	School Characteristic Index
API	r	0.4655	-0.2285	-0.2563	-0.6181	0.0237	0.1154	-0.0327	-0.0153	-0.0587	-0.0467	0.3785	-0.2341	-0.2553	0.9460
	p	<.0001	<.0001	<.0001	<.0001	0.4759	<.0001	0.2449	0.5861	0.0365	0.0966	<.0001	<.0001	<.0001	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
Average Parent Education	r	0.3455	-0.1588	-0.2051	-0.5314	0.0363	0.0980	-0.0300	-0.0470	-0.0407	0.0023	0.3545	-0.1528	-0.3032	0.9256
	p	<.0001	<.0001	<.0001	<.0001	0.2780	0.0006	0.2904	0.0968	0.1513	0.9345	<.0001	<.0001	<.0001	<.0001
	N	1247	1247	1247	1247	893	1219	1247	1247	1247	1247	1247	1247	1247	1247
% of Pupils Participating in Free or Reduced Lunch	r	-0.3937	0.1946	0.2197	0.5324	-0.0186	-0.1062	0.0574	0.0754	0.0793	0.0665	-0.3019	0.1781	0.2740	-0.9178
	p	<.0001	<.0001	<.0001	<.0001	0.5755	0.0002	0.0409	0.0072	0.0047	0.0179	<.0001	<.0001	<.0001	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% of EL Plus R-FEP	r	-0.3317	0.1634	0.2462	0.2850	-0.0334	-0.0919	0.0355	0.0056	0.0860	0.0809	-0.1821	0.1056	0.2645	-0.7630
	p	<.0001	<.0001	<.0001	<.0001	0.3148	0.0012	0.2062	0.8427	0.0022	0.0040	<.0001	0.0002	<.0001	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% African American (not of Hispanic origin)	r	-0.3732	0.1546	0.0763	0.3687	0.0488	0.0303	0.0788	-0.0295	0.1009	0.0290	-0.1018	0.1180	-0.1555	-0.3264
	p	<.0001	<.0001	0.0066	<.0001	0.1414	0.2872	0.0050	0.2935	0.0003	0.3018	0.0003	<.0001	<.0001	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% American Indian or Alaska Native	r	0.1118	-0.0213	-0.0755	0.0706	-0.0546	-0.1259	-0.0071	0.0765	-0.0367	-0.0360	-0.0321	0.0853	0.0172	0.0509
	p	<.0001	0.4493	0.0072	0.0119	0.1004	<.0001	0.8004	0.0064	0.1916	0.2005	0.2534	0.0024	0.5398	0.0703
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% Asian	r	0.1531	-0.0813	-0.1276	-0.2809	0.0158	0.0815	0.0330	-0.0513	-0.0791	-0.0414	0.2232	-0.1372	-0.1459	0.4867
	p	<.0001	0.0038	<.0001	<.0001	0.6346	0.0041	0.2407	0.0680	0.0048	0.1409	<.0001	<.0001	<.0001	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% Filipino	r	0.0714	-0.0238	-0.0615	-0.0548	0.0336	0.0821	-0.0256	-0.0839	-0.0303	0.0875	0.1949	-0.0166	-0.0999	0.1294
	p	0.0110	0.3970	0.0284	0.0509	0.3124	0.0038	0.3616	0.0028	0.2809	0.0018	<.0001	0.5550	0.0004	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% Hispanic or Latino	r	-0.3371	0.1583	0.2101	0.3702	0.0234	-0.0404	-0.0003	0.0217	0.0640	0.0522	-0.2250	0.0824	0.3149	-0.8331
	p	<.0001	<.0001	<.0001	<.0001	0.4815	0.1555	0.9920	0.4397	0.0226	0.0630	<.0001	0.0033	<.0001	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% Pacific Islander	r	-0.0322	0.0509	-0.0733	0.0537	-0.0710	-0.0110	0.0184	0.0350	-0.0219	0.0024	-0.0209	0.0538	-0.1146	0.0115
	p	0.2521	0.0698	0.0090	0.0558	0.0325	0.6997	0.5124	0.2135	0.4355	0.9327	0.4569	0.0554	<.0001	0.6837
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% White (not of Hispanic origin)	r	0.4273	-0.1907	-0.1808	-0.4149	-0.0474	-0.0086	-0.0425	0.0177	-0.0696	-0.0617	0.1542	-0.0768	-0.1944	0.7860
	p	<.0001	<.0001	<.0001	<.0001	0.1533	0.7632	0.1306	0.5299	0.0132	0.0281	<.0001	0.0062	<.0001	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% Multiple or No Response	r	0.1101	-0.0842	-0.0960	-0.0957	-0.1040	-0.0779	-0.0065	0.0583	0.0795	-0.0169	-0.0139	0.0120	-0.0969	0.2437
	p	<.0001	0.0027	0.0006	0.0006	0.0017	0.0060	0.8160	0.0378	0.0046	0.5467	0.6203	0.6707	0.0005	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**Appendix D**  
**Correlation for Middle Schools (continued)**  
**(1268 schools, weighted by the number of tests contributing to API)**

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of Pupils First Attending This School in Current Year	Class Size 4 - 6	Core Class Size	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 9-11 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in Migrant Ed	School Characteristic Index
% of Teachers with Full Credentials	r	1	-0.4605	-0.1507	-0.2582	0.0201	0.0423	-0.0185	-0.0401	-0.1522	-0.1294	0.1830	0.0234	-0.0444	0.4910
	p		<.0001	<.0001	<.0001	0.5455	0.1370	0.5104	0.1538	<.0001	<.0001	<.0001	0.4043	0.1138	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% of Teachers with Emergency Credentials	r	-0.4605	1	0.0021	0.0366	-0.0676	-0.0942	0.0281	-0.0040	0.0746	0.1392	-0.1113	-0.0287	0.0953	-0.2317
	p	<.0001		0.9398	0.1926	0.0417	0.0009	0.3178	0.8869	0.0078	<.0001	<.0001	0.3079	0.0007	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
Year Round Indicator	r	-0.1507	0.0021	1	0.1227	0.0765	-0.0138	0.0293	-0.0489	0.1301	0.0209	-0.1056	0.0859	-0.0855	-0.2724
	p	<.0001	0.9398		<.0001	0.0212	0.6265	0.2976	0.0817	<.0001	0.4581	0.0002	0.0022	0.0023	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% of Pupils First Attending This School in Current Year	r	-0.2582	0.0366	0.1227	1	0.0300	-0.0722	-0.0374	0.0110	-0.0471	0.0199	-0.3059	0.2088	0.1140	-0.6516
	p	<.0001	0.1926	<.0001		0.3665	0.0110	0.1832	0.6946	0.0937	0.4796	<.0001	<.0001	<.0001	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
Class Size 4 - 6	r	0.0201	-0.0676	0.0765	0.0300	1	0.6549	0.0005	-0.0935	0.0150	-0.0116	0.1179	-0.0843	-0.1320	0.0181
	p	0.5455	0.0417	0.0212	0.3665		<.0001	0.9878	0.0048	0.6515	0.7269	0.0004	0.0111	<.0001	0.5852
	N	908	908	908	908	908	888	908	908	908	908	908	908	908	908
Core Class Size	r	0.0423	-0.0942	-0.0138	-0.0722	0.6549	1	-0.0402	-0.0827	0.0219	-0.0804	0.1435	-0.1334	-0.1861	0.1140
	p	0.1370	0.0009	0.6265	0.0110	<.0001		0.1575	0.0036	0.4409	0.0046	<.0001	<.0001	<.0001	<.0001
	N	1240	1240	1240	1240	888	1240	1240	1240	1240	1240	1240	1240	1240	1240
% of Grade 2 Enrollment	r	-0.0185	0.0281	0.0293	-0.0374	0.0005	-0.0402	1	0.1604	-0.0012	0.0483	-0.0276	-0.0035	-0.0115	-0.0296
	p	0.5104	0.3178	0.2976	0.1832	0.9878	0.1575		<.0001	0.9672	0.0858	0.3259	0.8998	0.6832	0.2916
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% of Grades 3-5 Enrollment	r	-0.0401	-0.0040	-0.0489	0.0110	-0.0935	-0.0827	0.1604	1	0.0158	-0.0159	-0.0674	-0.0643	0.0717	-0.0160
	p	0.1538	0.8869	0.0817	0.6946	0.0048	0.0036	<.0001		0.5746	0.5725	0.0164	0.0221	0.0107	0.5681
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% of Grade 6 Enrollment	r	-0.1522	0.0746	0.1301	-0.0471	0.0150	0.0219	-0.0012	0.0158	1	-0.0964	-0.0720	0.0916	-0.0572	-0.0552
	p	<.0001	0.0078	<.0001	0.0937	0.6515	0.4409	0.9672	0.5746		0.0006	0.0103	0.0011	0.0418	0.0493
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% of Grades 9-11 Enrollment	r	-0.1294	0.1392	0.0209	0.0199	-0.0116	-0.0804	0.0483	-0.0159	-0.0964	1	0.0383	-0.0346	0.0105	-0.0522
	p	<.0001	<.0001	0.4581	0.4796	0.7269	0.0046	0.0858	0.5725	0.0006		0.1726	0.2178	0.7093	0.0633
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% of Students in GATE	r	0.1830	-0.1113	-0.1056	-0.3059	0.1179	0.1435	-0.0276	-0.0674	-0.0720	0.0383	1	-0.0630	-0.1480	0.4004
	p	<.0001	<.0001	0.0002	<.0001	0.0004	<.0001	0.3259	0.0164	0.0103	0.1726		0.0250	<.0001	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% of Students with Disabilities	r	0.0234	-0.0287	0.0859	0.2088	-0.0843	-0.1334	-0.0035	-0.0643	0.0916	-0.0346	-0.0630	1	-0.0479	-0.2524
	p	0.4043	0.3079	0.0022	<.0001	0.0111	<.0001	0.8998	0.0221	0.0011	0.2178	0.0250		0.0886	<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
% of Students in Migrant Ed	r	-0.0444	0.0953	-0.0855	0.1140	-0.1320	-0.1861	-0.0115	0.0717	-0.0572	0.0105	-0.1480	-0.0479	1	-0.2737
	p	0.1138	0.0007	0.0023	<.0001	<.0001	<.0001	0.6832	0.0107	0.0418	0.7093	<.0001	0.0886		<.0001
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268
School Characteristic Index	r	0.4910	-0.2317	-0.2724	-0.6516	0.0181	0.1140	-0.0296	-0.0160	-0.0552	-0.0522	0.4004	-0.2524	-0.2737	1
	p	<.0001	<.0001	<.0001	<.0001	0.5852	<.0001	0.2916	0.5681	0.0493	0.0633	<.0001	<.0001	<.0001	
	N	1268	1268	1268	1268	908	1240	1268	1268	1268	1268	1268	1268	1268	1268

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**Appendix D**  
**Correlation for High Schools**  
**(1070 schools, weighted by the number of tests contributing to API)**

	Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R-FEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
API	I	1	0.8490	-0.7841	-0.6527	-0.3557	0.0613	0.4177	0.0771	-0.7444	-0.0195	0.6709	0.1066
	P		<.0001	<.0001	<.0001	<.0001	0.0452	<.0001	0.0116	<.0001	0.5234	<.0001	0.0005
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
Average Parent Education	I	0.8490	1	-0.8404	-0.7645	-0.1298	0.0963	0.3291	0.1180	-0.8358	0.0333	0.7133	0.1768
	P	<.0001		<.0001	<.0001	<.0001	0.0017	<.0001	0.0001	<.0001	0.2778	<.0001	<.0001
	N	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062	1062
% of Pupils Participating in Free or Reduced Lunch	I	-0.7841	-0.8404	1.0000	0.8276	0.2303	-0.1153	-0.1897	-0.1107	0.7842	-0.0430	-0.7649	-0.1997
	P	<.0001	<.0001		<.0001	<.0001	0.0002	<.0001	0.0003	<.0001	0.1602	<.0001	<.0001
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
% of EL Plus R-FEP	I	-0.6527	-0.7645	0.8276	1	0.0133	-0.2559	-0.0133	-0.0356	0.7999	-0.0519	-0.7899	-0.2733
	P	<.0001	<.0001	<.0001		0.6649	<.0001	0.6635	0.2449	<.0001	0.0900	<.0001	<.0001
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
% African American (not of Hispanic origin)	I	-0.3557	-0.1298	0.2303	0.0133	1	-0.1013	-0.0538	0.1291	-0.0175	0.2712	-0.3512	-0.0011
	P	<.0001	<.0001	<.0001	0.6649		0.0009	0.0784	<.0001	0.5681	<.0001	<.0001	0.9716
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
% American Indian or Alaska Native	I	0.0613	0.0963	-0.1153	-0.2559	-0.1013	1	-0.0832	-0.0909	-0.2458	0.0159	0.2840	0.1218
	P	0.0452	0.0017	0.0002	<.0001	0.0009		0.0065	0.0029	<.0001	0.6034	<.0001	<.0001
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
% Asian	I	0.4177	0.3291	-0.1897	-0.0133	-0.0538	-0.0832	1	0.1989	-0.3863	0.0963	-0.1151	-0.0588
	P	<.0001	<.0001	<.0001	0.6635	0.0784	0.0065		<.0001	<.0001	0.0016	0.0002	0.0545
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
% Filipino	I	0.0771	0.1180	-0.1107	-0.0356	0.1291	-0.0909	0.1989	1	-0.1374	0.3695	-0.1801	-0.0827
	P	0.0116	0.0001	0.0003	0.2449	<.0001	0.0029	<.0001		<.0001	<.0001	<.0001	0.0068
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
% Hispanic or Latino	I	-0.7444	-0.8358	0.7842	0.7999	-0.0175	-0.2458	-0.3863	-0.1374	1	-0.1497	-0.7780	-0.2562
	P	<.0001	<.0001	<.0001	<.0001	0.5681	<.0001	<.0001	<.0001		<.0001	<.0001	<.0001
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
% Pacific Islander	I	-0.0195	0.0333	-0.0430	-0.0519	0.2712	0.0159	0.0963	0.3695	-0.1497	1	-0.0941	0.0445
	P	0.5234	0.2778	0.1602	0.0900	<.0001	0.6034	0.0016	<.0001	<.0001		0.0021	0.1460
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
% White (not of Hispanic origin)	I	0.6709	0.7133	-0.7649	-0.7899	-0.3512	0.2840	-0.1151	-0.1801	-0.7780	-0.0941	1	0.2426
	P	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0002	<.0001	<.0001	0.0021		<.0001
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
% Multiple or No Response	I	0.1066	0.1768	-0.1997	-0.2733	-0.0011	0.1218	-0.0588	-0.0827	-0.2562	0.0445	0.2426	1
	P	0.0005	<.0001	<.0001	<.0001	0.9716	<.0001	0.0545	0.0068	<.0001	0.1460	<.0001	
	N	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**Appendix D**  
**Correlation for High Schools (continued)**  
**(1070 schools, weighted by the number of tests contributing to API)**

	Statistics	API	Average Parent Education	% of Pupils Participating in Free or Reduced Lunch	% of EL Plus R-FEP	% African American (not of Hispanic origin)	% American Indian or Alaska Native	% Asian	% Filipino	% Hispanic or Latino	% Pacific Islander	% White (not of Hispanic origin)	% Multiple or No Response
<b>% of Teachers with Full Credentials</b>	<b>r</b>	0.4613	0.3617	-0.3893	-0.3005	-0.3912	0.1541	0.1700	0.0480	-0.3810	0.0673	0.4334	0.0333
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.1173	<.0001	0.0279	<.0001	0.2776
	<b>N</b>	1068	1060	1068	1068	1068	1068	1068	1068	1068	1068	1068	1068
<b>% of Teachers with Emergency Credentials</b>	<b>r</b>	-0.2592	-0.1806	0.1867	0.1435	0.1912	-0.0571	-0.1253	-0.0535	0.1676	-0.0154	-0.1705	0.0348
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	<.0001	0.0622	<.0001	0.0803	<.0001	0.6156	<.0001	0.2562
	<b>N</b>	1068	1060	1068	1068	1068	1068	1068	1068	1068	1068	1068	1068
<b>Year Round Indicator</b>	<b>r</b>	-0.3332	-0.2550	0.3057	0.3815	-0.0699	-0.0776	-0.1197	-0.0620	0.3118	-0.1408	-0.2140	-0.0559
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.0222	0.0111	<.0001	0.0425	<.0001	<.0001	<.0001	0.0677
	<b>N</b>	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
<b>% of Pupils First Attending This School in Current Year</b>	<b>r</b>	-0.5080	-0.3595	0.2943	0.1476	0.2351	0.0498	-0.2154	-0.0593	0.2526	0.0648	-0.2485	0.2212
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	<.0001	0.1032	<.0001	0.0525	<.0001	0.0342	<.0001	<.0001
	<b>N</b>	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
<b>Core Class Size</b>	<b>r</b>	-0.0121	-0.0203	0.0341	0.0708	0.0344	-0.1907	0.0305	0.0734	0.0975	0.0319	-0.1201	-0.2396
	<b>p</b>	0.6988	0.5185	0.2763	0.0238	0.2729	<.0001	0.3304	0.0192	0.0018	0.3085	0.0001	<.0001
	<b>N</b>	1019	1011	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019
<b>% of Grade 2 Enrollment</b>	<b>r</b>	-0.0368	0.0530	-0.0621	-0.1238	-0.0124	0.1055	-0.0605	-0.0499	-0.0957	-0.0085	0.1173	0.3379
	<b>p</b>	0.2286	0.0845	0.0424	<.0001	0.6849	0.0005	0.0480	0.1027	0.0017	0.7804	0.0001	<.0001
	<b>N</b>	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
<b>% of Grades 3-5 Enrollment</b>	<b>r</b>	-0.0194	0.0617	-0.0567	-0.1189	-0.0133	0.1030	-0.0572	-0.0472	-0.0949	-0.0089	0.1158	0.3199
	<b>p</b>	0.5271	0.0443	0.0636	<.0001	0.6631	0.0007	0.0616	0.1228	0.0019	0.7705	0.0001	<.0001
	<b>N</b>	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
<b>% of Grade 6 Enrollment</b>	<b>r</b>	0.0291	0.0695	-0.0102	-0.0801	0.0811	0.0557	-0.0409	-0.0318	-0.0761	-0.0214	0.0614	0.1868
	<b>p</b>	0.3412	0.0236	0.7402	0.0088	0.0079	0.0686	0.1812	0.2983	0.0128	0.4854	0.0445	<.0001
	<b>N</b>	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
<b>% of Grades 7-8 Enrollment</b>	<b>r</b>	0.0704	0.0965	-0.0092	-0.0924	0.0520	0.0542	-0.0175	-0.0029	-0.0819	0.0104	0.0624	0.1553
	<b>p</b>	0.0212	0.0016	0.7630	0.0025	0.0894	0.0765	0.5669	0.9250	0.0074	0.7340	0.0414	<.0001
	<b>N</b>	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
<b>% of Students in GATE</b>	<b>r</b>	0.2826	0.2476	-0.1933	-0.1129	-0.1043	0.0019	0.1424	0.2210	-0.1165	0.0314	0.0526	-0.0714
	<b>p</b>	<.0001	<.0001	<.0001	0.0002	0.0006	0.9507	<.0001	<.0001	0.0001	0.3042	0.0856	0.0195
	<b>N</b>	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
<b>% of Students with Disabilities</b>	<b>r</b>	-0.3462	-0.2715	0.2382	0.1706	0.1078	0.0396	-0.1999	-0.0785	0.2009	0.0652	-0.1321	-0.1047
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	0.0004	0.1961	<.0001	0.0102	<.0001	0.0330	<.0001	0.0006
	<b>N</b>	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
<b>% of Students in Migrant Ed</b>	<b>r</b>	-0.2009	-0.2899	0.2567	0.2497	-0.1592	-0.0190	-0.1434	-0.0773	0.3100	-0.1340	-0.1693	-0.0339
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	<.0001	0.5351	<.0001	0.0114	<.0001	<.0001	<.0001	0.2677
	<b>N</b>	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070
<b>School Characteristic Index</b>	<b>r</b>	0.9359	0.9018	-0.8438	-0.6981	-0.3807	0.0680	0.4517	0.0753	-0.8018	-0.0260	0.7220	0.1203
	<b>p</b>	<.0001	<.0001	<.0001	<.0001	<.0001	0.0260	<.0001	0.0137	<.0001	0.3960	<.0001	<.0001
	<b>N</b>	1070	1062	1070	1070	1070	1070	1070	1070	1070	1070	1070	1070

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).



**Appendix D**  
**Correlation for High Schools (continued)**  
**(1070 schools, weighted by the number of tests contributing to API)**

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of Pupils First Attending This School in Current Year	Core Class Size	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in Migrant Ed	School Characteristic Index
API	r	0.4613	-0.2592	-0.3332	-0.5080	-0.0121	-0.0368	-0.0194	0.0291	0.0704	0.2826	-0.3462	-0.2009	0.9359
	p	<.0001	<.0001	<.0001	<.0001	0.6988	0.2286	0.5271	0.3412	0.0212	<.0001	<.0001	<.0001	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
Average Parent Education	r	0.3617	-0.1806	-0.2550	-0.3595	-0.0203	0.0530	0.0617	0.0695	0.0965	0.2476	-0.2715	-0.2899	0.9018
	p	<.0001	<.0001	<.0001	<.0001	0.5185	0.0845	0.0443	0.0236	0.0016	<.0001	<.0001	<.0001	<.0001
	N	1060	1060	1062	1062	1011	1062	1062	1062	1062	1062	1062	1062	1062
% of Pupils Participating in Free or Reduced Lunch	r	-0.3893	0.1867	0.3057	0.2943	0.0341	-0.0621	-0.0567	-0.0102	-0.0092	-0.1933	0.2382	0.2567	-0.8438
	p	<.0001	<.0001	<.0001	<.0001	0.2763	0.0424	0.0636	0.7402	0.7630	<.0001	<.0001	<.0001	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% of EL Plus R-FEP	r	-0.3005	0.1435	0.3815	0.1476	0.0708	-0.1238	-0.1189	-0.0801	-0.0924	-0.1129	0.1706	0.2497	-0.6981
	p	<.0001	<.0001	<.0001	<.0001	0.0238	<.0001	<.0001	0.0088	0.0025	0.0002	<.0001	<.0001	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% African American (not of Hispanic origin)	r	-0.3912	0.1912	-0.0699	0.2351	0.0344	-0.0124	-0.0133	0.0811	0.0520	-0.1043	0.1078	-0.1592	-0.3807
	p	<.0001	<.0001	0.0222	<.0001	0.2729	0.6849	0.6631	0.0079	0.0894	0.0006	0.0004	<.0001	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% American Indian or Alaska Native	r	0.1541	-0.0571	-0.0776	0.0498	-0.1907	0.1055	0.1030	0.0557	0.0542	0.0019	0.0396	-0.0190	0.0680
	p	<.0001	0.0622	0.0111	0.1032	<.0001	0.0005	0.0007	0.0686	0.0765	0.9507	0.1961	0.5351	0.0260
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% Asian	r	0.1700	-0.1253	-0.1197	-0.2154	0.0305	-0.0605	-0.0572	-0.0409	-0.0175	0.1424	-0.1999	-0.1434	0.4517
	p	<.0001	<.0001	<.0001	<.0001	0.3304	0.0480	0.0616	0.1812	0.5669	<.0001	<.0001	<.0001	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% Filipino	r	0.0480	-0.0535	-0.0620	-0.0593	0.0734	-0.0499	-0.0472	-0.0318	-0.0029	0.2210	-0.0785	-0.0773	0.0753
	p	0.1173	0.0803	0.0425	0.0525	0.0192	0.1027	0.1228	0.2983	0.9250	<.0001	0.0102	0.0114	0.0137
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% Hispanic or Latino	r	-0.3810	0.1676	0.3118	0.2526	0.0975	-0.0957	-0.0949	-0.0761	-0.0819	-0.1165	0.2009	0.3100	-0.8018
	p	<.0001	<.0001	<.0001	<.0001	0.0018	0.0017	0.0019	0.0128	0.0074	0.0001	<.0001	<.0001	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% Pacific Islander	r	0.0673	-0.0154	-0.1408	0.0648	0.0319	-0.0085	-0.0089	-0.0214	0.0104	0.0314	0.0652	-0.1340	-0.0260
	p	0.0279	0.6156	<.0001	0.0342	0.3085	0.7804	0.7705	0.4854	0.7340	0.3042	0.0330	<.0001	0.3960
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% White (not of Hispanic origin)	r	0.4334	-0.1705	-0.2140	-0.2485	-0.1201	0.1173	0.1158	0.0614	0.0624	0.0526	-0.1321	-0.1693	0.7220
	p	<.0001	<.0001	<.0001	<.0001	0.0001	0.0001	0.0001	0.0445	0.0414	0.0856	<.0001	<.0001	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% Multiple or No Response	r	0.0333	0.0348	-0.0559	0.2212	-0.2396	0.3379	0.3199	0.1868	0.1553	-0.0714	-0.1047	-0.0339	0.1203
	p	0.2776	0.2562	0.0677	<.0001	<.0001	<.0001	<.0001	<.0001	<.0001	0.0195	0.0006	0.2677	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).

**Appendix D**  
**Correlation for High Schools (continued)**  
**(1070 schools, weighted by the number of tests contributing to API)**

	Statistics	% of Teachers with Full Credentials	% of Teachers with Emergency Credentials	Year Round Indicator	% of Pupils First Attending This School in Current Year	Core Class Size	% of Grade 2 Enrollment	% of Grades 3-5 Enrollment	% of Grade 6 Enrollment	% of Grades 7-8 Enrollment	% of Students in GATE	% of Students with Disabilities	% of Students in Migrant Ed	School Characteristic Index
% of Teachers with Full Credentials	r	1	-0.5821	-0.1088	-0.2496	0.0029	0.0255	0.0251	-0.0760	-0.0435	0.2173	-0.0464	-0.0312	0.4839
	p		<.0001	0.0004	<.0001	0.9253	0.4047	0.4129	0.0129	0.1553	<.0001	0.1294	0.3081	<.0001
	N	1068	1068	1068	1068	1019	1068	1068	1068	1068	1068	1068	1068	1068
% of Teachers with Emergency Credentials	r	-0.5821	1	0.0686	0.1531	-0.1090	0.0269	0.0252	0.0856	0.0264	-0.1542	0.0238	0.0389	-0.2613
	p	<.0001		0.0250	<.0001	0.0005	0.3796	0.4102	0.0051	0.3892	<.0001	0.4374	0.2035	<.0001
	N	1068	1068	1068	1068	1019	1068	1068	1068	1068	1068	1068	1068	1068
Year Round Indicator	r	-0.1088	0.0686	1	0.2190	-0.0094	-0.0237	-0.0244	-0.0302	-0.0244	-0.0981	0.1117	-0.0573	-0.3392
	p	0.0004	0.0250		<.0001	0.7635	0.4386	0.4248	0.3242	0.4246	0.0013	0.0002	0.0610	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% of Pupils First Attending This School in Current Year	r	-0.2496	0.1531	0.2190	1	-0.0702	0.3136	0.2886	0.1373	0.1571	-0.1957	0.0639	0.0102	-0.5433
	p	<.0001	<.0001	<.0001		0.0251	<.0001	<.0001	<.0001	<.0001	<.0001	0.0365	0.7384	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
Core Class Size	r	0.0029	-0.1090	-0.0094	-0.0702	1	-0.1731	-0.1254	-0.0974	-0.0809	0.0917	0.0257	-0.1847	-0.0146
	p	0.9253	0.0005	0.7635	0.0251		<.0001	<.0001	0.0019	0.0098	0.0034	0.4119	<.0001	0.6419
	N	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019	1019
% of Grade 2 Enrollment	r	0.0255	0.0269	-0.0237	0.3136	-0.1731	1	0.9383	0.5448	0.3378	-0.0917	-0.1221	-0.0429	-0.0396
	p	0.4047	0.3796	0.4386	<.0001	<.0001		<.0001	<.0001	<.0001	0.0027	<.0001	0.1614	0.1951
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% of Grades 3-5 Enrollment	r	0.0251	0.0252	-0.0244	0.2886	-0.1254	0.9383	1	0.6021	0.3706	-0.0609	-0.1346	-0.0452	-0.0213
	p	0.4129	0.4102	0.4248	<.0001	<.0001	<.0001		<.0001	<.0001	0.0465	<.0001	0.1396	0.4870
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% of Grade 6 Enrollment	r	-0.0760	0.0856	-0.0302	0.1373	-0.0974	0.5448	0.6021	1	0.5957	-0.0016	-0.1505	-0.0542	0.0280
	p	0.0129	0.0051	0.3242	<.0001	0.0019	<.0001	<.0001		<.0001	0.9589	<.0001	0.0763	0.3605
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% of Grades 7-8 Enrollment	r	-0.0435	0.0264	-0.0244	0.1571	-0.0809	0.3378	0.3706	0.5957	1	0.0287	-0.1422	-0.0443	0.0744
	p	0.1553	0.3892	0.4246	<.0001	0.0098	<.0001	<.0001	<.0001		0.3476	<.0001	0.1475	0.0149
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% of Students in GATE	r	0.2173	-0.1542	-0.0981	-0.1957	0.0917	-0.0917	-0.0609	-0.0016	0.0287	1	-0.0660	-0.0540	0.2994
	p	<.0001	<.0001	0.0013	<.0001	0.0034	0.0027	0.0465	0.9589	0.3476		0.0308	0.0777	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% of Students with Disabilities	r	-0.0464	0.0238	0.1117	0.0639	0.0257	-0.1221	-0.1346	-0.1505	-0.1422	-0.0660	1	-0.0447	-0.3698
	p	0.1294	0.4374	0.0002	0.0365	0.4119	<.0001	<.0001	<.0001	<.0001	0.0308		0.1442	<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
% of Students in Migrant Ed	r	-0.0312	0.0389	-0.0573	0.0102	-0.1847	-0.0429	-0.0452	-0.0542	-0.0443	-0.0540	-0.0447	1	-0.2217
	p	0.3081	0.2035	0.0610	0.7384	<.0001	0.1614	0.1396	0.0763	0.1475	0.0777	0.1442		<.0001
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070
School Characteristic Index	r	0.4839	-0.2613	-0.3392	-0.5433	-0.0146	-0.0396	-0.0213	0.0280	0.0744	0.2994	-0.3698	-0.2217	1
	p	<.0001	<.0001	<.0001	<.0001	0.6419	0.1951	0.4870	0.3605	0.0149	<.0001	<.0001	<.0001	
	N	1068	1068	1070	1070	1019	1070	1070	1070	1070	1070	1070	1070	1070

**Note:** Correlations are bivariate with each observation (school) weighted by the number of valid test scores.

Each cell contains the correlation (r--top), its statistical significance (P--middle), and the total number of cases (N--bottom).